

IN THE CLAIMS:

Please cancel Claims 3 and 4 without prejudice or disclaimer of subject matter, amend Claims 1 and 13, and add new Claims 17 and 18 as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) An image processing apparatus for performing print simulation through a computer network, comprising:
 - a device selector, arranged to select a target printer on the network as a print simulation target, and to select another printer on the network which is used to output a simulation result of the target printer, wherein the whole of the image processing apparatus and the other printer are present at a single site on the network, the target printer is present at another site on the network, and the two sites are connected through the network;
 - a profile selector, arranged to select a profile required for a color matching process of the print simulation through the network, and to set the selected profile in the target printer, wherein the profile selector searches a database arranged in the other site, at which the target printer is present, for the selected profile to acquire the selected profile, and if the selected profile is not searched from the database arranged in the other site, the profile selector searches a database arranged in the single site, at which the image processing apparatus is present, for the selected profile to acquire the selected profile;
 - a first transmitter, arranged to transmit image data on which are to be performed a color matching process and a rasterizing process to the target printer, wherein the target printer performs the color matching process according to the selected profile on

received image data, and rasterizes the image data on which the color matching process has been performed;

a receiver, arranged to receive rasterized image data from the target printer;

and

a second transmitter, arranged to transmit the received and rasterized image data to the other printer so as to print an image that simulates color of an image which the target printer will print.

2. to 4. (Cancelled)

5. (Previously Presented) The apparatus according to claim 1, further comprising a designator arranged to designate a data format of the image data to be received, which has performed the color matching process and the rasterizing process, and wherein said second transmitter informs the target printer of the designated data format.

6. (Previously Presented) The apparatus according to claim 5, wherein the target printer rasterizes the image data that has performed the color matching process to bitmap data, converts the rasterized bitmap data to image data of the designated data format, and transmits the converted image data to the image processing apparatus.

7. (Withdrawn) An image processing apparatus for performing print simulation through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a print simulation target, and to select another color printer on the network which is used to output a simulation result of the target printer;

a profile selector, arranged to select a profile required for a color matching process of the print simulation through the network, and to designate a server of a site where the target printer is present to use the selected profile;

a first transmitter, arranged to transmit image data on which is to be performed a color matching process to the server;

a receiver, arranged to receive the image data on which the color matching process has been performed according to the selected profile from the server; and

a second transmitter, arranged to transmit the received image data to the simulation output printer so as to print an image that simulates color of an image which the target printer will print.

8. (Withdrawn) The apparatus according to claim 7, further comprising a designator arranged to designate a data format of the image data to be received, which has performed the color matching process, and wherein said second transmitter informs the target printer of the designated data format.

9. (Withdrawn) The apparatus according to claim 8, wherein the server transmits the image data that has preformed the color matching process to the target printer, and receives image data of the designated data format from the target printer.

10. (Withdrawn) The apparatus according to claim 9, wherein the target printer rasterizes the image data received from the server into bitmap data, converts the rasterized bitmap data to image data of the designated data format, and transmits the converted image data to the server.

11. (Withdrawn) An image processing apparatus for performing a preview process through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a preview target, and to select a color monitor on the network which is used to display a preview image;

a profile selector, arranged to select a profile required for a color matching process of the preview image through the network, and to set the selected profile in the target printer;

a first transmitter, arranged to transmit image data on which is to be performed a color matching process to the target printer;

a receiver, arranged to receive the image data on which the color matching process has been performed according to the selected profile from the target printer; and

a second transmitter, arranged to transmit the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

12. (Withdrawn) An image processing apparatus for performing a preview process through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a preview target, and to select a color monitor on the network which is used to display a preview image;

a profile selector, arranged to select a profile required for a color matching process of the preview image through the network, and to designate a server of a site where the target printer is present to use the selected profile;

a first transmitter, arranged to transmit image data on which is to be performed a color matching process to the server;

a receiver, arranged to receive the image data on which the color matching process has been performed according to the selected profile from the server; and

a second transmitter, arranged to transmit the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

13. (Currently Amended) A method of control an image processing apparatus for performing print simulation through a computer network, comprising the steps of:

selecting a target printer on the network as a print simulation target, and selecting another printer on the network which is used to output a simulation result of the target printer, wherein the whole of the image processing apparatus and the other printer are present at a single site on the network, the target printer is present at another site on the network, and the two sites are connected through the network;

selecting a profile required for a color matching process of the print simulation through the network to set[[;]] setting the selected profile in the target printer, wherein the selected profile is searched from a database arranged in the other site, at which the target printer is present, to acquire the selected profile, and if the selected profile is not searched from the database arranged in the other site, the selected profile is searched from a database arranged in the single site, at which the image processing apparatus is present, to acquire the selected profile;

transmitting image data, on which are to be performed a color matching process and a rasterizing process, to the target printer, wherein the target printer performs the color matching process according to the selected profile on received image data, and rasterizes the image data on which the color matching process has been performed;

receiving rasterized image data from the target printer; and

transmitting the received and rasterized image data to the other printer so as to print an image that simulates color of an image which the target printer will print.

14. (Withdrawn) A method of controlling an image processing apparatus for performing print simulation through a computer network, comprising the steps of:

selecting a color printer on the network as a print simulation target, and selecting another color printer on the network which is used to output a simulation result of the target printer;

selecting a profile required for a color matching process of the print simulation through the network;

designating a server of a site where the target printer is present to use the selected profile;

transmitting image data on which is to be performed a color matching process to the server;

receiving the image data on which the color matching process has been performed according to the selected profile from the server; and

transmitting the received image data to the simulation output printer so as to print an image that simulates color of an image which the target printer will print.

15. (Withdrawn) A method of controlling an image processing apparatus for performing a preview process through a computer network, comprising the steps of:

selecting a color printer on the network as a preview target, and selecting a color monitor on the network which is used to display a preview image;

selecting a profile required for a color matching process of the preview image through the network;

setting the selected profile in the target printer;

transmitting image data on which is to be performed a color matching process to the target printer;

receiving the image data on which the color matching process has been performed according to the selected profile from the target printer; and

transmitting the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

16. (Withdrawn) A method of controlling an image processing apparatus for performing a preview process through a computer network, comprising the steps of:

selecting a color printer on the network as a preview target, and selecting a color monitor on the network which is used to display a preview image;

selecting a profile required for a color matching process of the preview image through the network;

designating a server of a site where the target printer is present to use the selected profile;

transmitting image data on which is to be performed a color matching process to the server;

receiving the image data on which the color matching process has been performed according to the selected profile from the server; and

transmitting the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

17. (New) An image processing apparatus for performing print simulation through a computer network, comprising:

a device selector, configured to select a target printer on the network as a print simulation target, and to select another printer on the network which is used to output a simulation result of the target printer, wherein the whole of the image processing apparatus and the other printer are present at a single site on the network, the target printer is present at another site on the network, and the two sites are connected through the network;

a profile selector, configured to select a profile required for a color matching process of the print simulation through the network, and to set the selected profile in the target printer, wherein the profile selector searches a database arranged in the other site, at which the target printer is present, for the selected profile to acquire the selected profile, and if the selected profile is not searched from the database arranged in the other site, the profile selector searches a database arranged in the single site, at which the image processing apparatus is present, for the selected profile to acquire the selected profile;

a format selector, configured to select an image format from a plurality of image formats;

a first transmitter, arranged to transmit image data on which are to be performed a color matching process and a rasterizing process, and information indicating the selected image format to the target printer, wherein the target printer performs the color matching process according to the selected profile on received image data, rasterizes the image data on which the color matching process has been performed, and converts the rasterized image data into image data having the selected image format;

a receiver, arranged to receive image data having the selected image format from the target printer; and

a second transmitter, arranged to transmit the received image data having the selected image format to the other printer so as to print an image that simulates color of an image which the target printer will print,

wherein the device selector, the profile selector, and the format selector use a common user interface to select the devices, the profile, and the image format, and the

common user interface displays a name of the other site at which the target printer is present.

18. (New) A method of controlling an image processing apparatus for performing print simulation through a computer network, comprising the steps of:

selecting a target printer on the network as a print simulation target, and selecting another printer on the network which is used to output a simulation result of the target printer, wherein the whole of the image processing apparatus and the other printer are present at a single site on the network, the target printer is present at another site on the network, and the two sites are connected through the network;

selecting a profile required for a color matching process of the print simulation through the network to set the selected profile in the target printer, wherein the selected profile is searched from a database arranged in the other site, at which the target printer is present, to acquire the selected profile, and if the selected profile is not searched from the database arranged in the other site, the selected profile is searched from a database arranged in the single site, at which the image processing apparatus is present, to acquire the selected profile;

selecting an image format from a plurality of image formats;
transmitting image data on which are to be performed a color matching process and a rasterizing process, and information indicating the selected image format to the target printer, wherein the target printer performs the color matching process according to the selected profile on received image data, rasterizes the image data on which the color

matching process has been performed, and converts the rasterized image data into image data having the selected image format;

receiving image data having the selected image format from the target printer; and

transmitting the received image data having the selected image format to the other printer so as to print an image that simulates color of an image which the target printer will print,

wherein in the first, second and third selecting steps, a common user interface is used to select the devices, the profile, and the image format, and the common user interface displays a name of the other site at which the target printer is present.